

SUBSTITUTE SPECIFICATIONBACKGROUND OF THE INVENTION

approved
XLN
3/23/04

The present invention relates to a transmission-drive unit, in particular for a seat adjustment or servo steering with at least one supporting element.

European patent document EP 0 0759374 A2 discloses a device for adjusting a seat in a motor vehicle, which can receive considerably greater forces than in a normal operation, caused for example by a traffic accident. It is here important that the driver seat remains firmly connected with the body, to guarantee the operation of the corresponding protective features for the vehicle occupant (safety belt, airbag). A threaded nut receives a threaded spindle and is fixedly connected with the body. The threaded spindle is driven through a screw transmission from an electric motor which in turn is fixedly connected with the seat. The transmission housing of the screw transmission is composed of synthetic plastic and connected via a further housing part with the drive motor. When the drive motor is actuated, the threaded spindle is rotated and displaces the transmission housing including the drive motor and the seat relative to the threaded nut. For preventing the release of the transmission housing from